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Shower spa

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(71) Applicant(s)
Geza Laszlo Stegena

(54) Inventor(s)
Geza Laszlo Stegena

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AUSTRALIA
Patents Act 1990

P/00/001
Section 29

Patent Request : Standard Patent / Patent of Addition

We, being the person(s) identified below as the Applicant, request the grant of a patent to the person identified below as the Nominated Person, for an invention described in the accompanying standard complete specification.

Full application details follow:

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[54] Invention Title

SHOWER SPA

[72] Name(s) of actual inventor(s)

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Contact
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Code

Associated Provisional Application(s) Details

[60] Application Number(s) and Date(s)

Application Number

Date of Application

Basic Convention Application(s) Details

[31] Application Number

[33] Country

Country Code

[32] Date of Application

Divisional Application Details

[62] Original application number

Patent Invention Details (Patent of Addition requests only)

[61] Application number

Patent number

Drawing number recommended to accompany the abstract

1

Signature

Date

12, 12, 1995

AUSTRALIAN INDUSTRIAL

19 DEC 1995

PROPERTY ORGANISATION

AUSTRALIA

P000 18157

Patents Act 1990

NOTICE OF ENTITLEMENT
(To be filed before acceptance)

AUSTRALIAN INDUSTRIAL
18 DEC 1995
PROPERTY ORGANISATION

I/We, Geza Laszlo STEGENA

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being the applicant in respect of Application No. _____, state the following:-

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or

*has entitlement from the actual inventor(s)

(eg by assignment, by mesne assignment, as legal representative of, etc)

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(Continued over)

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*is/*are the first application(s) made in a Convention country in respect of the invention

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*was/were not the first application(s) made in a Convention country in respect of the invention, and a request has been made under Section 96 of the Patents Act 1990 (or Section 142AA of the Patents Act 1952) to disregard the following application(s)

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The basic application(s) listed in the declaration made under Article 8 of the PCT

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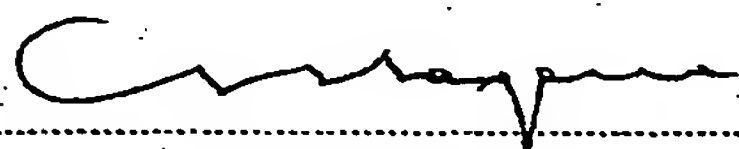
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the *applicant / *patentee for *application / *patent No.
authorise

to apply for a further patent for an improvement in, or modification of, the main invention.

(Signature)

(Date)

Note: This part must be signed by the applicant/patentee of the main invention.



(Signature)

12/12/1995

(Date)

(If the applicant is a Company or other legal entity, also indicate the name and standing of the authorized signatory.)

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AU9540532

(12) PATENT ABSTRACT (11) Document No. AU-A-40532/95
(19) AUSTRALIAN PATENT OFFICE

(54) Title
SHOWER SPA

International Patent Classification(s)
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(71) Applicant(s)
GEZA LASZLO STEGENA

(72) Inventor(s)
GEZA LASZLO STEGENA

(57) A shower spa device is disclosed.

The shower spa is a shower spraying water horizontally at increased pressure through a panel (1) extending from head to thigh fitted with multiple nozzles (2) delivering a strong spray to the part of the body to be washed and invigorated. The shower spa assisted by a variable speed pump (3) to boost the pressure of the water supply will massage and clean while standing in the shower.

The supply of hot (4) and cold (5) water will be from conventional shower or bath outlet and the temperature controlled with conventional taps.

The centrally located valve (6) controls which section of the shower panel to direct a strong spray of water to the body. Liquid soap (7) or fragrance can be injected into the shower panel and sprayed at the body.

PRO/011
Regulation 3.2

SHOWER SPA

This invention relates to improvements in the use of shower for personal hygiene.

Traditional showers discharge water overhead forcing the user to twist and
5 turn to wet and clean parts of the body and only one area at a time.

Excessive volume of water used to wash the face, body and limbs. Most of the water from the overhead shower rose bypasses the body and runs to floor waste.

The force of the water pressure created by the traditional shower head is not
10 used to full advantage. There have been many proposals to change the shape or size of the shower rose with much the same result.

These problems and inefficiencies are overcome by this new invention, which provides a shower spa comprising a shower panel arranged vertically fitted with many nozzles with a centrally located valve to control sections of
15 the shower panel to direct a strong spray of water to the various parts of the body while a variable speed water pump increases the pressure to the desired force and hot and cold water taps control the temperature from the conventional water supply and water heating system.

In one form of the invention the shower spa cleanses and invigorates any part
20 or all the body at the same time, while soaping or perfuming the body by injecting liquid soap or fragrances into the panel and thus into the spray directed at the body.

In another form of the invention shower panels may be positioned on opposite sides spraying the body front and back simultaneously. This option may include a side shower panel at ninety degrees to the front panel.

The shower panel may be made of rust proof material. The shower panel may be pressed to form the spray nozzles, shaped to facilitate efficient flow through the nozzles. The number and distribution of the nozzles are to be chosen for maximum cleaning effect.

To assist with the understanding of the invention, reference will now be made to the accompanying drawing, which illustrate one example of the invention.

10 In the drawing:

FIG. 1 shows one example of the shower spa according to this invention comprising a panel (1) shaped to form multiple nozzles (2) spraying strong horizontal water, while a variable speed water pump (3) increases the pressure to the desired force and the hot (4) and cold (5) water taps control the temperature.

The centrally located valve (6) controls which section of the shower panel to direct a strong spray of water to the various parts of the body.

Liquid soap or fragrance (7) injected into the shower panel combines with the water is forms a soapy spray which is directed at the body.

The claims defining the invention are as follows:

1. A shower spa comprising a shower panel arranged vertically fitted with multiple nozzles to direct a strong horizontal spray to the body from head to thigh, with a centrally located valve to control the section(s) of the shower spa panel engaged to spray water to various parts of the body and the force of the spray adjusted by controlling a variable speed water pump and the conventional hot and cold water taps coupled with the optional capability of injecting a liquid soap or fragrance, will provide an efficient and invigorating ablution.
- 10 2. The shower spa of claim 1 will reduce the time required for a complete body shower, because the shower panel directs a strong spray of water to all parts of the body at the same time.
3. The shower spa of claim 1 will save water because the fine nozzles spraying at high pressure but lesser volume of water for the user and the
15 community.
4. The shower spa of claim 1 will make shower use practical for children by engaging the appropriate lower level section of the shower panel to direct the horizontal water spray directly at the body of a child.
5. The shower spa of claim 1 will make the use for the elderly an infirm
20 simple and efficient.

Geza Laszlo STEGENA

(NAME OF APPLICANT)

12 DECEMBER 1995

(DATE)

ABSTRACT

A shower spa device is disclosed.

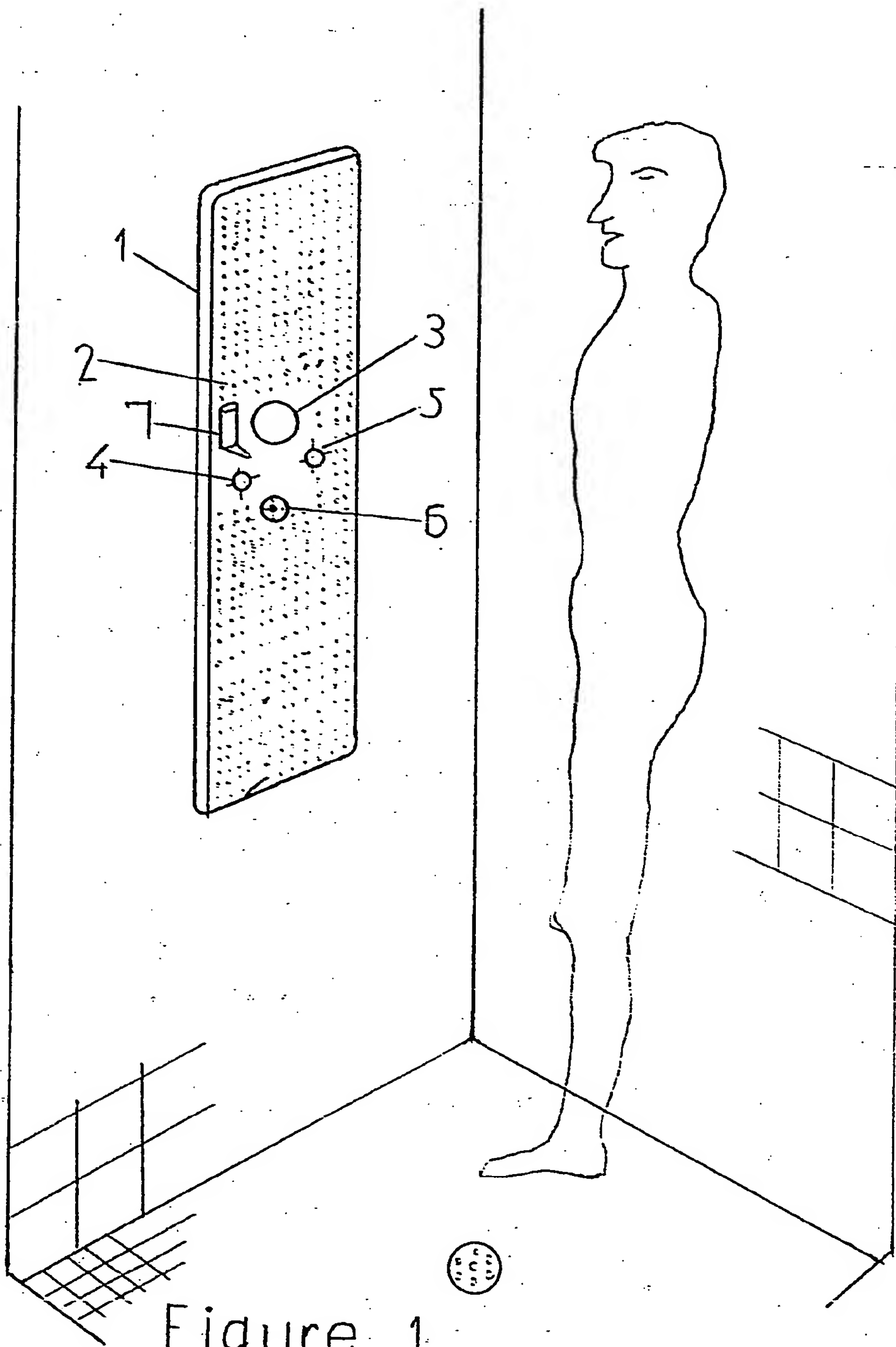
The shower spa is a shower spraying water horizontally at increased pressure through a panel (1) extending from head to thigh fitted with multiple nozzles (2) delivering a strong spray to the part of the body to be washed and invigorated. The shower spa assisted by a variable speed pump (3) to boost the pressure of the water supply will massage and clean while standing in the shower.

The supply of hot (4) and cold (5) water will be from conventional shower or bath outlet and the temperature controlled with conventional taps.

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